| •   |   |          |          |               |           |          |          |          |          |           |          |                |          | ١.       | 10/2/200   |          |          |               |          |          |           |          | Reexamination |          |            |              |                 |                |          |          |          |               |          |               |    |   |   |    |
|---|---|----------|----------|---------------|-----------|----------|----------|----------|----------|-----------|----------|----------------|----------|----------|------------|----------|----------|---------------|----------|----------|-----------|----------|---------------|----------|------------|--------------|-----------------|----------------|----------|----------|----------|---------------|----------|---------------|----|---|---|----|
| •   |   |          |          |               |           |          |          |          |          |           |          |                |          | Н        | 10/7/7089  |          |          |               |          |          |           | NO NAME  |               |          |            |              |                 |                |          |          |          | •             |          |               |    |   |   |    |
|   |   |          |          |               |           |          |          |          |          |           |          |                | Examiner |          |            |          |          |               |          |          | Art Unit: |          |               |          |            |              |                 |                |          | _ •      |          |               |          |               |    |   |   |    |
|   |   |          |          |               |           |          |          |          |          |           |          |                |          |          |            |          |          |               |          |          |           |          |               |          | :          |              |                 |                |          |          |          |               |          |               |    |   |   |    |
|   |   |          |          |               |           |          |          |          |          |           |          |                |          | 41       | ***        |          |          |               |          |          |           |          |               |          |            |              |                 |                | •        |          |          |               |          |               |    |   |   |    |
|   |   |          |          |               |           |          |          | •        |          |           |          |                |          |          |            |          |          |               | •        |          |           |          |               |          |            | <u></u>      |                 |                | _        |          |          | ÷             |          |               |    |   |   |    |
|   |   | •        |          |               |           |          | $\Box$   |          | ſ        | П         | -        | Th             | 2011     | ah e     |            | <u>.</u> | ۵۱۱      |               |          | П        |           | •        |               |          | ٦          | $\Gamma$     | _               | -              | _        | <u> </u> | ÷        |               | 1        |               |    |   |   |    |
| ✓ Rejected — (Through numera<br>Cancelled |   |          |          |               |           |          |          |          | aıj      | •         |          | N              | N        | on-      | on-Elected |          |          |               | l        | Appeal   |           |          |               |          |            |              |                 |                |          |          |          |               |          |               |    |   |   |    |
| - Janceneu                                |   |          |          |               |           |          |          | <u>.</u> |          |           | l        |                |          |          |            |          | _        | A             |          |          | -         |          | ••            |          |            |              |                 |                |          |          |          |               |          |               |    |   |   |    |
|   |   |          | =        | Δ             | llo       | MO       | a 1      |          |          | +         |          |                | В.       | _4-:     | -4-        |          |          |               |          | . 1      |           |          |               | •        |            |              |                 |                |          |          |          |               | ĺ        |               |    |   |   |    |
|   |   |          |          | \ \frac{1}{2} |           |          | ۱ ۳      |          | 1        | ٦         |          | Restricted     |          |          |            |          |          |               |          | 1        | Interfere |          | ance          |          | 0          | 1            | O               | bje            | cte      | ed       |          |               |          |               |    |   |   |    |
|   |   |          | _        |               |           |          |          |          | •        |           |          |                |          |          |            |          | <u></u>  |               |          |          |           |          | ÷             |          | ٦.         | Ц            | <u> </u>        |                | _        |          |          |               | J        |               |    |   |   |    |
|   | Cla   | im       |          |               |           | C        | ate      | ;        |          |           | $\neg$   | Γ              | Cla      | im       | Т          | _        |          | 'n            | Dale     | ,        |           |          | $\neg$        | <u> </u> | laim       | т-           | · ·             | <del>-</del> - |          | Dale     |          |               |          |               |    |   | i | ŧ. |
|   |   | 16       |          |               |           |          |          |          |          | $\Box$    | ٦        | $\cdot \Gamma$ |          |          | Г          | •        |          | П             | -        | न        | $\cdot$   | $\neg$   | 7             |          |            | +            |                 | •              |          | Jan      |          |               | Ü        | -             |    |   |   |    |
|   | Final   | Original |          |               |           | 1        | ٠        | - 1      | ١        |           |          |                | Fra      | Originai |            |          |          | i             |          |          | - 1       |          | 1             | 7        | Original   | 1            |                 |                |          | H        |          |               |          |               |    | • |   | •  |
|   | Œ.  | -Q-      | L.       |               |           | - 1      | ŀ        | - 1      | - 1      | - 1       |          | - 1            | Ē        | 돌        | ı          |          |          | ŀ             | 1        |          | 1         | - 1      | 1             | Final    | Ē          |              | 1               |                |          | li       | •        |               | l        |               |    |   |   |    |
| •   | -4  | ·        | Д        | _             | Ц         | _        | _        | _        | _        | _         | _        | Ł              | 1        |          | L          |          |          |               |          |          | _         |          |               |          | 10         | ].           |                 |                |          |          |          |               |          |               |    |   |   |    |
| •   | $\vdash \!$ |          | $\vdash$ | Н             | -         | -        | 4        | _        |          |           | 4        | <u> </u>       | _        | 51       | L          |          |          |               |          | $\Box$   | $\Box$    | $\Box$   |               |          | 101        | I            |                 |                |          |          | Н        |               | Н        | $\vdash$      |    |   |   |    |
|   |   | 3        | -        |               | H         | -        | -        | -        |          | -         | 4        | ⊢              |          | 52       | L          |          |          |               | _        | _        | _         | 1        | _             |          | 102        |              |                 |                |          |          |          |               |          |               |    |   |   |    |
| •   | ┝─┤   | 4        | Н        | $\vdash$      | H         | $\dashv$ | ┥        | -        |          | -         |          | -              |          | 53       | L          | Ш        | _        |               | _        | 4        | -1        | 4        | 4             | _        | 103        |              |                 |                |          |          |          |               |          |               |    |   |   |    |
|   |   | 5        | $\dashv$ |               | $\exists$ | -        | $\dashv$ | -        | -        | -         | ᅱ        | ⊢              | -        | 54<br>55 | -          | i i      | -        | Н             |          |          | -1        | 4        | 4             | <u> </u> | 104        | ļĿ           | Ш               | Ц              | _        |          |          |               |          |               |    |   |   |    |
|   |   | নি       | Н        | $\dashv$      | $\vdash$  | ∺        | $\dashv$ | ┪        | ┪        | 1         | $\dashv$ | $\vdash$       |          | 56       |            | -        | Н        | -             |          | -        | -         | +        | 4             |          | 105        |              | Ш               | Н              | $\Box$   | Ш        |          | L             | Ш        | •             |    |   |   |    |
|   |   |          | $\Box$   |               | $\vdash$  | 7        | -        | 十        | ᆟ        | 7         | $\dashv$ | ┢              |          | ·57      | ╁╌         | H        | Н        | Н             | -        | ᅱ        | -         | +        | 4             | $\vdash$ | 106        | ╀╌           | Н               | $\vdash$       | $\dashv$ | Н        |          | Ш             | Ш        |               |    |   |   | ٠  |
| *=  | -   | 8        |          |               |           | ヿ        | ヿ        | -        | $\neg$   | 7         | ٦.       | 1              | -        | 58       | ┪          | Н        | Н        | Н             | -        | ᅥ        | ┪         | +        | -             | $\vdash$ | 108        |              | $\vdash$        |                |          | Н        | Н        | Н             | Н        | -             |    |   |   |    |
| \   |   | 9        |          |               |           |          |          | $\Box$   | ╗        |           |          | 1              | 7        | 59       | H          | Н        |          |               | $\neg$   | $\dashv$ | ┪         | $\dashv$ | -1            | <u> </u> | 109        |              | Н               | Н              | -        | Н        | Н        | $\vdash$      | Н        | -             |    | • |   |    |
|   |   | 10       |          |               | ·         |          |          | $\Box$   | $\Box$   |           |          |                |          | 60       |            |          |          |               | $\neg$   | ┪        | 7         | 7        | ٦.            | Г        | 110        |              | H               | ┪              | $\dashv$ | Н        | Н        | Н             | $\vdash$ | $\vdash$      |    |   |   |    |
|   |   | 11       | Ш        |               |           | _        | $\perp$  | $\Box$   |          |           |          |                |          | 61       |            |          |          |               |          | ╗        | $\neg$    | 7        | 7             |          | 111        | 1            | П               |                | $\neg$   |          | Н        | Н             | H        | $\dashv$      |    |   |   | ٠  |
| ,   |   | 12       | Ш        | _             | 1         | _        | _        | 4        | 4        | 4         | _        |                | $\cdot$  | 62       |            |          |          |               |          | $\Box$   |           |          |               |          | 112        | $\top$       |                 |                | 7        |          |          |               | Н        | $\dashv$      |    |   |   |    |
|   | _   | 13       | $\dashv$ |               | -         | _        |          | 4        | _        | 4         |          | ·L             | _        | 63       | $\sqcup$   |          |          |               |          |          | $\Box$    | $\Box$   |               |          | 113        |              |                 |                |          |          |          | Т             | Н        | $\neg$        |    |   |   |    |
|   |   | 14<br>15 |          |               | $\dashv$  | -        |          | $\dashv$ |          | -         | _        | -              | -4       | 64       | ╙          | Щ        |          | $\dashv$      | _        | 4        | 4         | 4        | -1            | <u> </u> | 114        |              | Ш               |                |          |          |          |               |          |               |    |   |   |    |
|   |   | 16       | $\dashv$ |               | $\dashv$  | ┪        | $\dashv$ | $\dashv$ | -        | -+        | -        | ╁              |          | 65<br>66 | -          | H        | Н        | -             | -1       | -        |           |          | 4             | <b> </b> | 115        |              |                 | $\sqcup$       | _        |          |          |               |          | $\Box$        |    |   |   |    |
|   |   | 17 .     | $\dashv$ |               | -         | ┪        | -+       | $\dashv$ | -        | -         | $\dashv$ | -              | -        | 67       | $\vdash$   | Н        | $\dashv$ | $\vdash$      |          |          | -+        | $\dashv$ | -             |          | 116        | -            | Н               | $\vdash$       |          |          | -        |               | Щ        | ᆜ             |    |   |   |    |
|   |   | 18       | $\neg$   | -             | $\dashv$  | 7        | _        | -        | ┪        | 7         | $\dashv$ | · ŀ            | $\dashv$ | 68       | $\vdash$   | Н        | Н        | Н             | -        | -1       | -         | ╁        | $\dashv$      | -        | 117        | +-           | ╌┤              |                | $\dashv$ |          | H        |               | H        | Ц             |    | ١ |   |    |
|   |   | 19       | $\neg$   |               | $\dashv$  | ╗        | ┪        | ┪        | 寸        | 7         | _        | <b> </b>       | 1        | 69       | H          | Н        | Н        | H             | 寸        | ┪        | 十         | ╌┼       | $\dashv$      | $\vdash$ | 119        |              | $\vdash$        |                |          | -        |          |               | Н        | ┥             |    |   |   |    |
|   |   | 20       |          |               |           |          | $\Box$   | $\Box$   |          |           |          |                | $\neg$   | 70       | 1          |          |          | $\overline{}$ | $\dashv$ | ┪        | ┪         | +        | $\dashv$      | $\vdash$ | 120        |              | Н               | -              | $\dashv$ |          | -        |               | Н        | ╌┤            |    |   | : |    |
|   |   | ·21      |          |               |           | $\Box$   |          |          |          |           |          |                |          | 71       |            | 7        |          | ·             |          | $\neg$   | 7         | 十        | 7             |          | 121        | 1            | Н               |                | -        |          |          | Н             | Н        | $\dashv$      |    |   |   |    |
|   |   | 22       | _        | _             | $\dashv$  | 4        | $\perp$  | 4        | Ц        | $\perp$   |          |                | $\Box$   | 72       |            |          | •        |               |          | $\Box$   |           |          |               |          | 122        |              | П               |                |          |          |          | Н             |          | $\dashv$      |    |   |   |    |
|   |   | 23       | $\dashv$ | _             | -         | -        | 4        | 4        |          | 4         | _        | _              | _        | 73       | Ш          | Ш        |          |               |          | $\dashv$ | $\dashv$  | $\bot$   |               |          | 123        | $\Box$       |                 |                |          |          |          |               |          |               |    |   |   |    |
|   |   | 24<br>25 | $\dashv$ |               | -1        | $\dashv$ | -+       |          | -        | -         | -1       | $\vdash$       |          | 74       | <u> </u>   | Ш        | _        | Ш             | _        | 4        | 4         | 4        | 4             | <b></b>  | 124        | Ŀ            | Ш               | $\sqcup$       | _        |          |          | $\overline{}$ |          |               |    | • |   |    |
|   |   | 26       | $\dashv$ | $\dashv$      | -         | ┪        | $\dashv$ | ┥        | $\dashv$ | ┥         |          | $\vdash$       | 1        | 75<br>76 | <b> </b>   | Н        | Н        | $\dashv$      |          | -        | 1         | 4        | 4             | <u> </u> | 125        | 1            | $\vdash$        | $\dashv$       | _        |          |          | Щ             | Ш        |               |    |   |   |    |
|   |   | 27       | ᄀ        | $\dashv$      | +         | ┪        | ┰        | 一        | ┪        | $\dashv$  | $\dashv$ | H              | $\dashv$ | 77       | H          | Н        | Н        | $\dashv$      |          | $\dashv$ | +         | ┿        | $\dashv$      | -        | 126        |              | Н               | $\cdot$        | $\dashv$ | _        |          |               | Н        | $\dashv$      |    |   |   |    |
|   |   | 28       | $\neg$   | $\dashv$      | -         | 1        | 寸        | -        | ┪        | +         | $\dashv$ | <b>-</b>       | $\dashv$ | 78       | $\vdash$   | Н        | Н        | $\dashv$      | $\dashv$ | ┥        | ┥         | ᅪ        | $\dashv$      | -        | 127<br>128 | +            | Н               | $\vdash$       | -        | $\dashv$ | Н        | Н             | Н        | $\dashv$      | ٠. |   |   |    |
|   |   | 29       |          |               |           |          |          | ┪        | 7        |           |          |                | ┪        | 79       | -          | М        |          | П             | _        | 1        | 7         | +        | ┪             |          | 129        | ╅            | Н               | $\dashv$       | ᆟ        |          |          |               | Н        | $\dashv$      |    |   |   |    |
|   | ·   | 30       | $\Box$   |               | $\Box$    | $\Box$   |          |          |          |           |          |                | 丁        | 80       | П          |          |          |               | _1       |          | ┪         | 十        | 7             |          | 130        | +            | $\vdash$        |                | ٦        | ┪        | Н        | H             | Н        | H             |    |   |   |    |
| İ   | $oxed{oxed}$  | 31       |          |               | $\Box$    | 1        |          | $\Box$   | Ţ        | $\exists$ |          |                | $\Box$   | 81       |            |          |          |               |          |          | ij        |          |               |          | 131        | $T^{-}$      |                 |                |          |          | ·        |               | -        |               |    |   | • |    |
| •   |   | 32       |          |               | 4         | 4        | -        | 4        | 4        | 4         | 4        | $\perp$        |          | 82       | $\Box$     | Ц        |          |               | $\Box$   | $\Box$   | $\supset$ | $\bot$   |               |          | 132        |              | Ш               |                | J        |          |          |               |          | $\Box$        |    |   |   | •  |
|   |   | 33<br>34 |          | $\dashv$      | 4         | 4        | +        | -        | 4        | -+        | $\dashv$ | ┝              | -4       | 83       |            | Н        | Ц        | Ц             | _        | -        | 4         | 4        | _             | <b>—</b> | 133        | 4            | $\sqcup$        |                | _        | $\perp$  | Ш        | Щ             | Ц        |               |    |   |   |    |
|   | $\vdash$  | 35       |          |               | ᅱ         | +        | $\dashv$ | $\dashv$ | ┵┤       |           |          | -              |          | 84       | H          | Щ        | -        | Н             | -        |          | -         | +        | -             | -        | 134        |              | $\vdash$        | $\dashv$       | 4        | Щ        |          | _             | ⊢⊢       | Ш             |    |   |   |    |
|   |   | 36       | -1       | -             | $\dashv$  | -        | }        | $\dashv$ | +        | ┥         | $\dashv$ | -              | -        | 85<br>86 | $\vdash$   | Н        | $\dashv$ | $\dashv$      |          | -4       | 4         | ┿        | 4             | <u> </u> | 135<br>136 |              | ┝╌╡             |                |          | Ч        | Н        | Н             | Щ        |               | ,  |   | • |    |
|   |   | 37       | -        | ᅥ             | $\dashv$  | ╅        | 7        | - 1      | ╌┤       | +         | ┥.       | .  -           | -1       | 87.      | -          | Н        | $\vdash$ | $\dashv$      | -        | -+       | $\dashv$  | ┽        | $\dashv$      | $\vdash$ | 137        | ╀            | ┝╌┨             | -              | $\dashv$ | -        |          | $\vdash$      | Н        | $\dashv$      |    |   |   |    |
|   |   | 38       | 7        | 7             | $\dashv$  | 十        | 寸        | $\dashv$ | _        | $\dashv$  | $\dashv$ | -              | ᅱ        | 88       | -          | Н        |          |               | ᅱ        | ┪        | ᆉ         | ╅        | ┥.            | .        | 138        | ┿            | $\vdash$        | +              | -        | -        |          | ÷             | ÷        | $\overline{}$ |    |   |   |    |
|   |   | 39       |          |               |           | 7        | -        |          | ╗        |           | $\neg$   |                | 7        | 89       | П          | Н        |          | $\neg$        | 寸        | -+       | 7         | ╅        | ┪             | -        | 139        | 十            | $\vdash$        |                | $\dashv$ | -        | $\vdash$ | Н             | -        | ·             |    |   |   |    |
|   |   | 40       | $\Box$   |               |           |          |          |          |          |           |          |                |          | 90       | П          |          |          |               | 7        | 7        |           | 7        | 7             |          | 140        |              | П               |                | $\neg$   |          |          | -             |          | $\overline{}$ |    | • |   |    |
| •   |   | 41       | $\Box$   | $\Box$        | ij        | $\bot$   | $\bot$   | $\Box$   | $\Box$   | $\Box$    |          |                | 囗        | 91       |            |          |          |               | ╛        |          | ⇉         | J        | J             | . [      | 141        | Г            |                 |                | _        |          |          |               |          | H             |    |   |   |    |
|   |   | 42       | _        | _             | _         | 4        | 4        | 4        | _[       | $\bot$    | Ц        | L              | _1       | 92       |            |          |          |               | $\Box$   | $\Box$   | $\Box$    | I        |               |          | 142        |              |                 |                |          |          |          |               |          |               |    |   |   |    |
|   |   | 43       | 4        | _             | 4         | 4        | 4        | -        | 4        | 4         | _        | 1              |          | 93       | Ш          | L        | Ц        | Ц             | _[       | _[       | 4         |          | ┙             |          | 143        | $oxed{\Box}$ | ╚               | _]             |          |          |          |               |          |               |    |   |   |    |
|   |   | 44       | 4        |               | +         | $\dashv$ | $\dashv$ | $\dashv$ | -        | -         | 4        | -              | 4        | 94       | $\sqcup$   | Ц        | $\Box$   | Ц             | _        | 4        | 4         | $\perp$  | _             | <u> </u> | 144        | ┖            | Щ               | _              | _        |          |          |               |          |               |    | • |   |    |
|   |   | 45<br>46 | -        | -+            | +         | +        | +        | +        | 4        | -         | $\dashv$ | H              | 4        | 95       | Ŀ          | Ц        | _        | _             | 4        | -+       | 4         | 4        | 4             | -        | 145        | ₩            | Ш               | 4              | 4        | _        | 4        | Щ             | Ш        | $\Box$        |    | • |   |    |
|   |   | 47       | -        | -1            | +         | ╅        | $\dashv$ | $\dashv$ | +        | +         | $\dashv$ | -              | +        | 96<br>97 | Н          | Н        | -        | 4             | -        | 4        | 4         | -        | 4             | -        | 146        | $\vdash$     | $\vdash$        |                | 4        | 4        | Н        |               | H        | 4             |    |   |   |    |
| i   |   | 48       | -+       | 1             | +         | +        | +        | ┪        | +        | +         | $\dashv$ | -              | $\dashv$ | 98       |            | Н        | $\dashv$ | -             | ┥        | +        | +         | +        | $\dashv$      | -        | 147        | $\vdash$     | $\vdash \vdash$ | $\dashv$       | -        | -        | $\dashv$ |               | Н        | -             |    |   |   |    |
|   |   | 49       | 7        | 7             | 十         | +        | $\dashv$ | $\dashv$ | 7        | $\dashv$  | $\dashv$ | <b> </b>       | +        | 99       | Н          | $\dashv$ | ┥        | -             | -        | $\dashv$ | +         | +        | $\dashv$      | -        | 149        | $\vdash$     | $\vdash \vdash$ | $\dashv$       | -        | ᅱ        | $\dashv$ |               | ⊣        | $\dashv$      |    |   |   |    |
|   | $\neg \neg$   | 50       |          | 丁             | 丁         | _†       |          | _        | 7        | 7         | $\dashv$ | $\vdash$       | 1        | 100      | Н          | 7        | -        | +             | 7        | -        | 1         | +        | $\dashv$      | -        | 150        |              |                 | -+             | ᅱ        | $\dashv$ |          | -             | -        | $\dashv$      |    |   |   |    |
| `   |   | •        |          |               |           |          |          |          |          |           | _        | _              |          |          |            |          |          | 1             |          |          |           |          |               |          |            | اا           |                 |                |          |          |          |               |          |               |    |   |   |    |
|   |   |          |          |               |           |          |          |          |          |           |          |                |          |          |            |          |          |               |          |          |           |          |               |          |            |              |                 |                |          |          |          |               |          |               |    |   |   |    |

Application/Control No.